

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/017779

## A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl<sup>7</sup> C12Q1/68, C12Q1/02, C12N1/21, C12N15/09

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl<sup>7</sup> C12Q1/68, C12Q1/02, C12N1/21, C12N15/09

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

JSTPlus, WPI (DIALOG), BIOSIS (DIALOG), PUBMED

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 2003/018791 A1 (National Institute of Advanced Industrial Science and Technology), 06 March, 2003 (06.03.03), & JP 2003-61673 A & EP 1426438 A1 & US 2004/0248126 A	1-23
A	WO 2003/018792 A1 (National Institute of Advanced Industrial Science and Technology), 06 March, 2003 (06.03.03), & EP 1426439 A1	1-23
A	JP 2001-238694 A (Director General of National Institute of Advanced Industrial Science and Technology), 04 September, 2001 (04.09.01), & JP 3446042 B2	1-23

☒ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search  
19 January, 2005 (19.01.05)

Date of mailing of the international search report  
08 February, 2005 (08.02.05)

Name and mailing address of the ISA/  
Japanese Patent Office

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## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 2001-286281 A (Director General of National Institute of Advanced Industrial Science and Technology), 16 October, 2001 (16.10.01), (Family: none)	1-23
A	JP 2001-95596 A (Director General of National Institute of Advanced Industrial Science and Technology), 16 October, 2001 (16.10.01), (Family: none)	1-23
A	Hitoshi IWAHASHI, "DNA Chip o Riyo shita Kagaku Busshitsu no Bioassay", Bioscience & Industry (2000), Vol.58, No.7, pages 481 to 484	1-23
A	Kuniaki HOSONO et al., "Seitai no Kankyo Osen Busshitsu Oto Hanno o Mochiita Kankyo Osen Hyoka System no Kaihatsu ni Kansuru Kenkyu", Environmental research in Japan (1999), Vol.1998, No.2, page 67.1-67.11	1-23
A	Kuniaki HOSONO et al., "Seitai no Kankyo Osen Busshitsu Oto Hanno o Mochiita Kankyo Osen Hyoka System no Kaihatsu", Environmental research in Japan (2002), Vol.2000, No.2, page 65.1-65.11	1-23
A	Junko TAKAHASHI et al., "Tashihyogata Reporter Gene Assay-ho ni yoru Kankyochu no Kagaku Busshitsu Kenshutsu", Proceedings of the Symposium on Groundwater Soil Pollutions and their Management (2003 June), Vol.9, pages 70 to 73	1-23